

## Mars Exploration Program Science Calendar

### Third Quarter, 2004

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- Sept. 8-10: Mars Astrobiology Science and Technology Workshop. Carnegie Institute of Washington, Washington, DC. [www.astrobiotech.arc.nasa.gov](http://www.astrobiotech.arc.nasa.gov), contact = Bruce Jakosky, Andrew Steele, Greg Bearman. (abs. deadline 07-05-04)
- Sept. 14-15: NAI Executive Council In-person Meeting, University of Rhode Island.
- Sept. 16-17: Short course on use of Mars atmospheric model data for mission ops, EDL, & Mars science. Boulder, Colorado. (contact=Scot Rafkin)  
<http://boulder.swri.edu/~rafkin/shortcourse>
- Sept. 19-23: International Mars science meeting, Ischia-Napoli, Italy. (abs. deadline 06-19-04), Contact = Enrico Flamini, Sylvie Espinasse. <http://www.asi.it/html/ita/news/Ischia2.pdf>
- Sept. 20: Mars solstice (beginning of northern summer)
- Sept. 26-30: 4th Annual Meeting of the European Meteorological Society. Nice, France.  
<http://www.emetsoc.org/>. abs. deadline = 5-23-04.
- Sept. 27-28: Phoenix PSG meeting. Location = Tuscon, Arizona.
- Sept. 30-Oct. 1: workshop "Hemispheres Apart: The Origin and Modification of the Martian Crustal Dichotomy". LPI, Houston, TX. (abs. deadline = 07-08-04, contact = Thomas Watters or Pat McGovern) <http://www.lpi.usra.edu/meetings/hemispheres2004/>

### Fourth Quarter, 2004

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- Oct. 1: End of Mars solar conjunction
- Oct. 7-8: 7th Mars Crater Consortium, at the US Geological Survey in Flagstaff. Contact = Nadine Barlow. (abs. deadline = 10-01-04). <http://www.marscraterconsortium.nau.edu/>
- Oct. 11-13, 2004: Vernadsky-Brown Microsymposium 40, Moscow. Contact Jim Head.  
<http://www.planetary.brown.edu/planetary/international.html>
- Oct 11-15. 2nd International Conference on Early Mars, Jackson Hole, Wyoming, Contact: Steve Clifford. <http://www.lpi.usra.edu/meetings/earlymars2004/>. abs. deadline = 7-13-04.
- Oct 15, 2004 (approximate): Announcement of selections resulting from MSL Announcement of Opportunity
- Oct. 18-22: 12th Australasian Remote Sensing and Photogrammetry Assoc. Conf., Fremantle, Western Australia, (abstracts due 1 Apr 04). <http://www.rss.dola.wa.gov.au/12arspc/>
- Oct 22: (approximate): MRO PSG
- Nov. 1-3: SPACE RESOURCES ROUNDTABLE VI. Colorado School of Mines,  
[www.mines.edu/research/srr](http://www.mines.edu/research/srr)
- Nov. 4-5 (tentative): MSL Delta Mission Concept Review
- Nov. 7-12: 36<sup>th</sup> Annual AAS Division of Planetary Sciences Meeting, University of Louisville, Louisville, KY. <http://dps04.org/>
- Nov. 7-10: Geological Society of America national meeting, Denver, Colo.  
(abs. deadline = 07-13-04). <http://www.geosociety.org/meetings/2004/>. Note session T144: Mars Mineralogy: The View from MER.
- Nov. 22-25: 4th European Workshop on Exo/Astrobiology "Life in Extreme Environments", the Open University in Milton Keynes. <http://physics.open.ac.uk/eana>
- Nov. 30-Dec. 2: Phoenix science team meeting #5, Pasadena, CA.
- Dec. 1 (tentative): MEPAG Workshop on Goal IV (Preparation for Humans), location = TBD
- Dec. 3: Phoenix-MRO meeting on landing site, Pasadena, CA.
- Dec. 13-17: Fall meeting, AGU, San Francisco, California. Abs. deadline = 9 Sept. 2004.

## 2005

### First Quarter, 2005

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Jan. 9-13: American Astronomical Society meeting, San Diego, CA

Jan. TBD: Greg Bearman meeting, San Jose, CA

Feb. 7-10: Workshop on Low-Frequency Radar Investigations of Planetary and Terrestrial Environments, at LPI in Houston. Abs. deadline = 11-15-04; contact: Essam Heggy (heggy@lpi.usra.edu).

Feb. 7-11: Mars Phoenix mission PDR. Location: Pasadena area.

Feb. 21-25: Mars Express Science Workshop, ESTEC, Noordwijk, The Netherlands. Contact = Agustin Chicarro.

Feb. 24-25: Mars Odyssey PSG at Lockheed-Martin (LMA), Denver, Colorado.

March 12-13, 2005: Vernadsky-Brown Microsymposium 41, Houston. Contact Jim Head.

Mar 14-18: Lunar and Planetary Sci. Conf., Houston, TX (abstracts due TBD). First announcement and schedule to be released September 2004

Mar. 15 (tentative): Mars Phoenix mission confirmation review. Location TBD

Mar. 22: Mars equinox (beginning of northern fall)

### Second Quarter, 2005

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April 6-7: Full MEPAG meeting, location TBD.

April 10-14: NAI 2005, Biennial Meeting of the NASA Astrobiology Institute, University of Colorado, Boulder

Apr 12: MRO Pre-Ship Review

April 25-29, European Geosciences Union (EGU) 2nd General Assembly, Vienna, Austria. Abs. deadline = 01-25-05. <http://www.copernicus.org/EGU/>

May sometime: Canadian Space Exploration Workshop. Also possible IMEWG meeting.

May 23-27: AGU Joint Assembly, New Orleans, Louisiana.

May 29 –Jun. 2: American Astronomical Society meeting, Minneapolis, MN

Jun 15: MRO Operational Readiness Review

### Third Quarter, 2005

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Summer (sometime): 4<sup>th</sup> International Mars Polar Science Conference. Contact = Steve Clifford. Tentatively thinking about holding it in Switzerland.

July 11-15: The Role of Volatiles and Atmospheres on Martian Impact Cratering, Applied Physics Lab, Johns Hopkins Univ, Laurel, MD. <http://www.marscraterconsortium.nau.edu/>

July 29: MRO PSG

Aug. TBD: MTO (Mars Telecommunications Orbiter) PMSR.

Aug 10-30: MRO Launch Window

Aug. 16: Mars solstice (beginning of northern winter)

Aug. 31 (approx.): Mars Phoenix mission CDR. Location TBD

Sept. 4-9: AAS Division of Planetary Sciences Meeting, Cambridge, England, <http://ast.star.rl.ac.uk/forum/dps2005.html>

Sept. 11-16, Annual Meteoritical Society Meeting, Gatlinburg, Tennessee, USA;. Contact Dr. Hap McSween.

### Fourth Quarter, 2005

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Oct. 16-19: Geological Society of America national meeting, Salt Lake City, Utah  
[Nov. 7: Mars at opposition](#)  
Dec. 5-9: Fall meeting, AGU, San Francisco, California. [www.agu.org/meetings](http://www.agu.org/meetings)

## **2006**

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Jan. 8-12 2006: American Astronomical Society meeting, Washington, DC  
[Jan. 22: Mars equinox \(beginning of northern spring\)](#)  
Mar 10-16: MRO MOI , Start of Aerobraking Phase  
Mar TBD: Lunar and Planetary Sci. Conf., Houston, TX (abstracts due TBD)  
June 2006: American Astronomical Society meeting, Calgary –Proposed,  
June 2006: MTO (Mars Telecommunications Orbiter) PDR  
Summer: COSPAR meeting, Beijing.  
July 2006: MSL PDR  
[Aug. 8: Mars solstice \(beginning of northern summer\)](#)  
September: End of MRO Aerobraking Phase; transition to Primary Science Orbit  
[Oct. 7: Start of Mars solar conjunction](#)  
Oct. 8–13: 38th Annual Meeting DPS 2006, Pasadena, CA, LOC: Alan Harris, SPC: Kevin Baines  
Oct. 22-25: Geological Society of America national meeting, Philadelphia, Penn.  
[Nov. 8: End of Mars solar conjunction](#)  
November: Start of MRO Primary Science Phase  
Dec. 11-15: Fall meeting, AGU, San Francisco, California. [www.agu.org/meetings](http://www.agu.org/meetings)  
2006 TBD, Annual Meteoritical Society Meeting, Zurich, Switzerland, contact Dr. Rainer Wieler.

## **2007**

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[Feb. 8: Mars equinox \(beginning of northern fall\)](#)  
Mar TBD: Lunar and Planetary Sci. Conf., Houston, TX (abstracts due TBD)  
March (TBD): Rosetta mission flyby of Mars.  
April 2007: MSL CDR  
June 2007: MTO (Mars Telecommunications Orbiter) CDR  
[July 4: Mars solstice \(beginning of northern winter\)](#)  
July 10: Phoenix ORR  
2007 TBD, Annual Meteoritical Society Meeting, Tucson, Arizona. Contact Dr. Tim Jull  
Aug. 9-28: Mars Phoenix Launch window  
Oct. 28-31: Geological Society of America national meeting, Denver, CO.  
[Dec. 10: Mars equinox \(beginning of northern spring\)](#)  
Dec. 10-14: Fall meeting, AGU, San Francisco, California. [www.agu.org/meetings](http://www.agu.org/meetings)  
[Dec. 24: Mars at opposition](#)

## **2008**

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Mar TBD: Lunar and Planetary Sci. Conf., Houston, TX (abstracts due TBD)  
May 18 – June 9: Mars Phoenix arrival window  
[June 25: Mars solstice \(beginning of northern summer\)](#)  
April 2008: MTO (Mars Telecommunications Orbiter) ARR  
Oct. 26-30: Geological Society of America national meeting, Chicago, IL.  
November: End of MRO Primary Science Phase; transition to Relay Phase  
[Nov. 18: Start of Mars solar conjunction](#)

Dec. 15-19: Fall meeting, AGU, San Francisco, California. [www.agu.org/meetings](http://www.agu.org/meetings)  
Dec. 24: End of Mars solar conjunction  
Dec. 26: Mars equinox (beginning of northern fall)

## 2009

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October 2009: Launch Period Opens

Please send updates, or additional Mars science calendar items, to Dr. David Beaty, [David.Beaty@jpl.nasa.gov](mailto:David.Beaty@jpl.nasa.gov), 818-354-7968. This calendar is circulated monthly to the MEPAG e-mail distribution list; if you wish to be added to or deleted from this list, contact Debbie Calderon [Debbie.Calderon@jpl.nasa.gov](mailto:Debbie.Calderon@jpl.nasa.gov), 818-354-9470.